

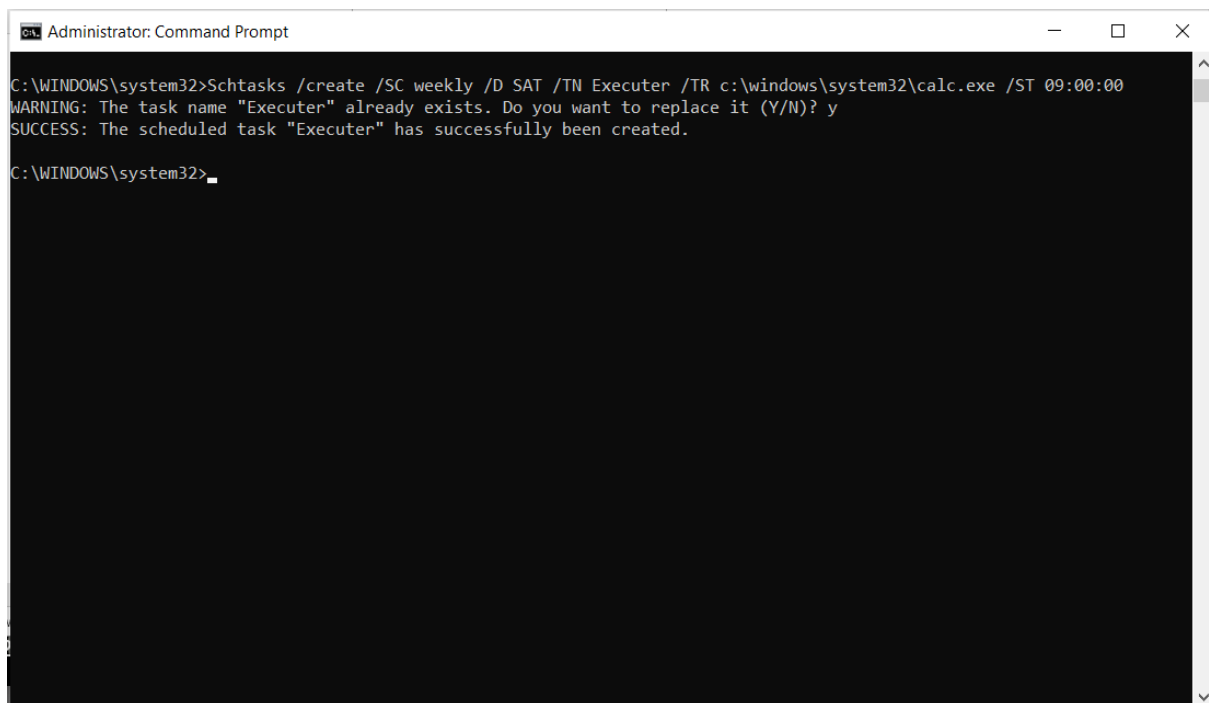
SECURE CODING

Lab - 4

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Schedule Calculator using cmd:



```
Administrator: Command Prompt
C:\WINDOWS\system32>Schtasks /create /SC weekly /D SAT /TN Executer /TR c:\windows\system32\calc.exe /ST 09:00:00
WARNING: The task name "Executer" already exists. Do you want to replace it (Y/N)? y
SUCCESS: The scheduled task "Executer" has successfully been created.
C:\WINDOWS\system32>
```

Executer2: (one for start and another to stop)

```
Administrator: Command Prompt
C:\WINDOWS\system32>Schtasks /create /SC weekly /D SAT /TN Executer2 /TR c:\windows\system32\notepad.exe /ST 17:00:00
SUCCESS: The scheduled task "Executer2" has successfully been created.

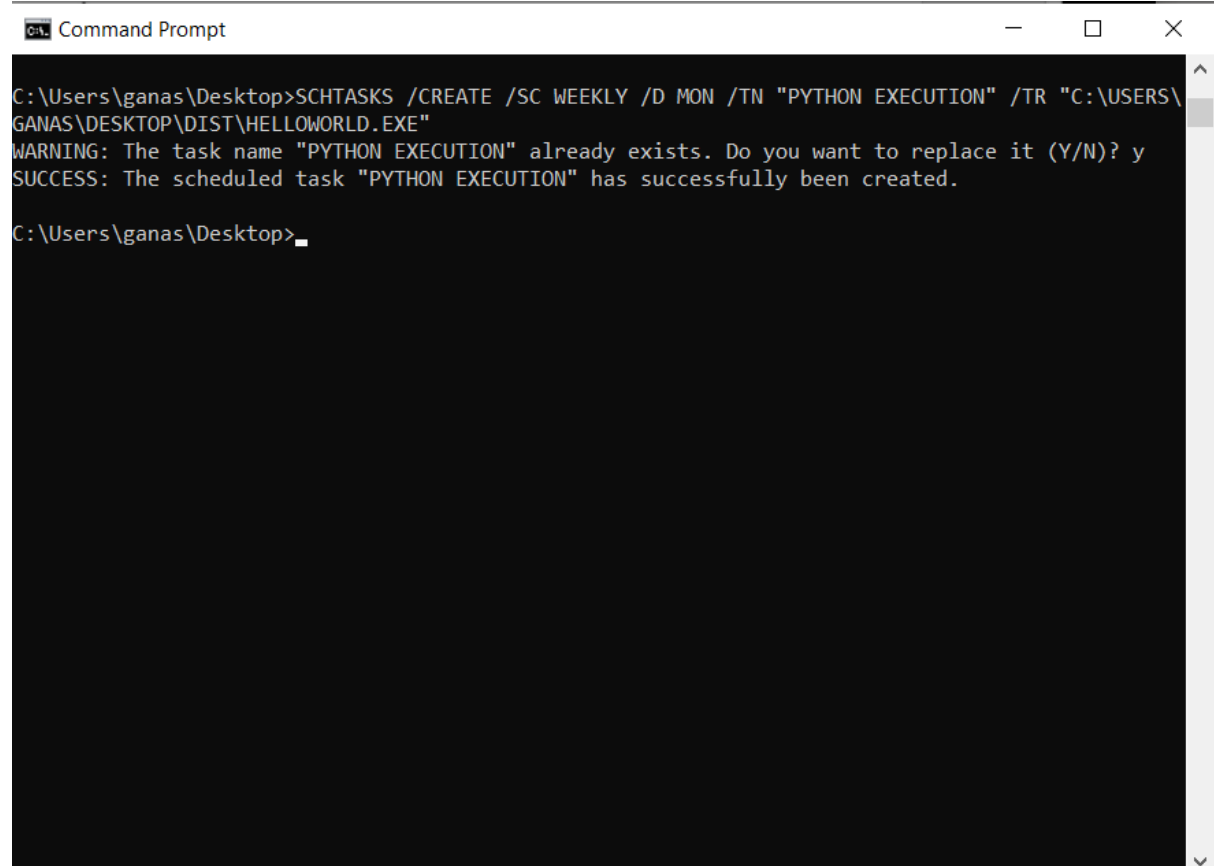
C:\WINDOWS\system32>SCHTASKS /Create /SC DAILY /ST 17:40:00 /TN Exec2 /TR "taskkill /f /im Notepad.exe"
SUCCESS: The scheduled task "Exec2" has successfully been created.

C:\WINDOWS\system32>
```

Advanced:
Schedule a defrag Task From cmd.

```
Command Prompt
C:\Users\ganas\Desktop>SCHTASKS /CREATE /SC WEEKLY /D MON /TN "PYTHON EXECUTION" /TR "C:\USERS\GANAS\DESKTOP\DIST\HELLOWORLD.EXE"
```

Mid level:



```
C:\Users\ganas\Desktop>SCHTASKS /CREATE /SC WEEKLY /D MON /TN "PYTHON EXECUTION" /TR "C:\USERS\GANAS\DESKTOP\DIST\HELLOWORLD.EXE"  
WARNING: The task name "PYTHON EXECUTION" already exists. Do you want to replace it (Y/N)? y  
SUCCESS: The scheduled task "PYTHON EXECUTION" has successfully been created.  
  
C:\Users\ganas\Desktop>
```

The image shows a Windows Command Prompt window titled "Command Prompt". The window has a standard Windows title bar with minimize, maximize, and close buttons. The command prompt shows the user at the desktop of the user 'ganas'. They have entered the command `SCHTASKS /CREATE /SC WEEKLY /D MON /TN "PYTHON EXECUTION" /TR "C:\USERS\GANAS\DESKTOP\DIST\HELLOWORLD.EXE"`. The system responds with a warning that the task name "PYTHON EXECUTION" already exists and asks if they want to replace it (Y/N). The user has responded with 'y'. The system then responds with "SUCCESS: The scheduled task 'PYTHON EXECUTION' has successfully been created." The prompt is now waiting for the next command.

powercfg commands

Administrator: Command Prompt

```
C:\WINDOWS\system32>powercfg /energy
Enabling tracing for 60 seconds...
Observing system behavior...
Analyzing trace data...
Analysis complete.

Energy efficiency problems were found.

16 Errors
11 Warnings
42 Informational

See C:\WINDOWS\system32\energy-report.html for more details.

C:\WINDOWS\system32>powercfg /lastwake
Wake History Count - 0

C:\WINDOWS\system32>powercfg /hibernate on

C:\WINDOWS\system32>powercfg /hibernate off

C:\WINDOWS\system32>powercfg /a
The following sleep states are available on this system:
    Standby (S0 Low Power Idle) Network Disconnected

The following sleep states are not available on this system:
    Standby (S1)
        The system firmware does not support this standby state.
        This standby state is disabled when S0 low power idle is supported.

    Standby (S2)
        The system firmware does not support this standby state.
        This standby state is disabled when S0 low power idle is supported.

    Standby (S3)
        This standby state is disabled when S0 low power idle is supported.

    Hibernation
        Hibernation has not been enabled.

    Hybrid Sleep
        Standby (S3) is not available.
        Hibernation is not available.

    Fast Startup
        Hibernation is not available.

    Standby (S0 Low Power Idle) Network Connected
        Connectivity in standby is not supported.
```

C:\> Administrator: Command Prompt

```
C:\WINDOWS\system32>powercfg /devicequery s1_supported
Intel(R) XTU Component Device
Qualcomm QCA9377 Bluetooth
A-Volute Nh3 Audio Effects Component
Root Print Queue
Volume Manager
WAN Miniport (PPPOE)
OneNote for Windows 10
Intel(R) XTU Component Device (001)
HID-compliant mouse
Microsoft Basic Display Driver
TAP-NordVPN Windows Adapter V9
TunnelBear Adapter V9
NordLynx Tunnel
TAP-Windows Adapter V9
Intel(R) iCLS Client
VMware Virtual Ethernet Adapter for VMnet1
VMware Virtual Ethernet Adapter for VMnet8
Microphone Array (Intel® Smart Sound Technology (Intel® SST))
WAN Miniport (PPTP)
Microsoft Hyper-V Virtualization Infrastructure Driver
Intel(R) Optane(TM) Memory and Storage Management Component
WAN Miniport (IKEv2)
Composite Bus Enumerator
Microsoft Virtual Drive Enumerator
Speakers (Realtek(R) Audio)
Microsoft Storage Spaces Controller
Intel(R) Dynamic Application Loader Host Interface
Microsoft Kernel Debug Network Adapter
Intel(R) Display Audio
Microsoft XPS Document Writer
Intel(R) XTU Component Device (002)
Realtek Audio Effects Component
Intel(R) XTU Component Device (003)
Intel(R) XTU Component Device (004)
USB Input Device (002)
Intel(R) Management and Security Application Local Management
DBUtilDrv2 Device
Intel(R) Graphics Command Center
UMBus Root Bus Enumerator
Charge Arbitration Driver
Intel(R) XTU Component Device (005)
ACPI x64-based PC
Realtek Audio Universal Service
WAN Miniport (Network Monitor)
WAN Miniport (IP)
Intel(R) XTU Component Device (006)
Generic PnP Monitor (003)
Microsoft Basic Render Driver
```

C:\> Administrator: Command Prompt

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Intel(R) Management and Security Application Local Management
DBUtilDrv2 Device
Intel(R) Graphics Command Center
UMBus Root Bus Enumerator
Charge Arbitration Driver
Intel(R) XTU Component Device (005)
ACPI x64-based PC
Realtek Audio Universal Service
WAN Miniport (Network Monitor)
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